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- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PINEDA DE GYVEZ, Jose, D., J. [MX/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CAPO, Rosario [IT/IT]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: DULJVESTIJN, Adrianus, J.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

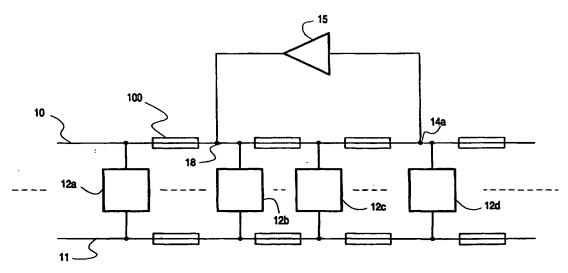
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(54) Title: SUPPRESSION OF NOISE IN AN INTEGRATED CIRCUIT



(57) Abstract: Sub-circuits of an integrated circuit can act as noise sources on common conductors such as power supply lines and the substrate. Each of these conductors may act as a noise medium capable of transferring noise signals from the noise source to other sub-circuits. One or more feedback circuits are coupled between input and output points on opposite sides of where a circuit to be protected is connected to such a medium, so that a output of the feedback circuit is coupled to the noise medium closer to certain noise sources than the input of the feedback circuit. Preferably, multiple feedback circuits are cross-coupled and have transfer connections so that coupling between the input and outputs of different feedback circuit is at least partially suppressed.

